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Go to: [Previous](#)☒ [Expand this as a figure](#)Title: **TW0550725B: Locator pin integrated with sensor for detecting semiconductor substrate carrier**

Country: TW Taiwan

Kind: B Patent

Inventor: ELLIOTT, MARTIN R.; United States of America
HUDGENS, JEFFREY C.; United States of AmericaAssignee: APPLIED MATERIALS, INC. United States of America
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Published / Filed: 2003-09-01 / 2002-06-27

Application Number: TW2002091114235

IPC Code: Advanced: [H01L 21/00](#);
Core: more...
IPC-7: [H01L 21/66](#)

ECLA Code: None

Priority Number: 2001-06-27 [US20010008943B3](#)






Abstract: A storage surface for a semiconductor substrate carrier has substrate carrier sensors that are integrated with locator pins. Each locator pin includes a pin body mounted on, and extending upwardly from, the surface. The pin body has a slot formed at an upper portion of the pin body. A paddle is mounted in the slot of the pin body and is adapted to be actuated in a downward direction when a substrate carrier is seated on the pin body. The pin body has an uppermost point, and when the paddle is unactuated, the paddle does not extend above the uppermost point of the pin body.

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Legal Status:

None

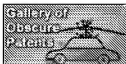
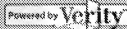
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Family:

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	WO03003418A3	2003-06-05	2002-06-26	LOCATOR PIN INTEGRATED WITH SENSOR FOR DETECTING SEMICONDUCTOR SUBSTRATE CARRIER
	WO03003418A2	2003-01-09	2002-06-26	LOCATOR PIN INTEGRATED WITH SENSOR FOR DETECTING SEMICONDUCTOR SUBSTRATE CARRIER
	US20030001116A1	2003-01-02	2001-06-27	Locator pin integrated with sensor for detecting semiconductor substrate carrier
	US6573522B2	2003-06-03		
	US6573522	2003-06-03	2001-06-27	Locator pin integrated with sensor for detecting semiconductor substrate carrier
	TW0550725B	2003-09-01	2002-06-27	Locator pin integrated with sensor for detecting semiconductor substrate carrier
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None


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